ABSTRACT OF THE DISCLOSURE

A breakaway power supply device operatively connectable to an electronic appliance either directly or indirectly via a controller is provided. The controller is used for sensing and/or controlling the operation of the appliance to which it is operatively connected. The breakaway device also has a power cord with a first connector suitable for releasably connecting with the controller and/or the appliance via a magnetic attraction. The power cord also has a second connector suitable for connecting to a power source. The magnetic attraction is suitable to withstand a predetermined or predefined disconnect force. This predetermined disconnect force may be varied as desired. The breakaway power supply device provides an effective, reliable and safe power connection for heatable electronic appliances that require continuous intimate contact with a separable controller.